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Freshwater microorganisms; Galactosidase; Glucosidase; Lipase; Phosphatase; Sulphatase (Goulder, R. (73) 323)

'Microbial loop'
Pelagic food webs; Phagotrophic protozoa; *Spumella*; *Ochromonas* (Seale, D.B. (73) 31)

Monoclonal antibodies
Immunological detection of bacteria; Soil inoculation (Mason, J. (73) 299)

Most probable numbers
Oxygen sensitivity; Soil organic carbon; Oxic soils (Peter Mayer, H. (73) 103)

^{14}C-MPN method
Oligotrophic bacteria; Uptake kinetics; Glycine; Acetate (Eguchi, M. (73) 23)

Multiple regression
Vibrio parahaemolyticus; Vibrios; Sediment trap; Environmental parameters; Pollution (Venkateswaran, K. (73) 159)

Nitrite reductase
Oxygen regulation; Nitrous oxide reductase; Immunoblotting (Coyne, M.S. (73) 263)

Nitrous oxide reductase
Oxygen regulation; Nitrite reductase; Immunoblotting (Coyne, M.S. (73) 263)

^{13}C-NMR
Volatile fatty acid; Methanogenic enrichment; Propionate; Butyrate; Acetogenesis (Tholozan, J.L. (73) 291)

N_2O production
NO production; Heterotrophic nitrification; Paddy soil (Krämer, M. (73) 345)

NO production
N_2O production; Heterotrophic nitrification; Paddy soil (Krämer, M. (73) 345)

Ochromonas
'Microbial loop'; Pelagic food webs; Phagotrophic protozoa; *Spumella* (Seale, D.B. (73) 31)

O_2 consumption
Flux studies; CH_4 evasion; CH_4 and O_2 concentration profiles; Methanogenesis; Methanotrophy (Frenzel, P. (73) 149)

Oligotrophic bacteria
^{14}C-MPN method; Uptake kinetics; Glycine; Acetate (Eguchi, M. (73) 23)

Osmoregulation
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O_2 tolerance
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Oxic/anoxic regimen
Phototrophic bacteria; Bacteriochlorophyll *a* synthesis; Continuous culture (De Wit, R. (73) 69)

Oxic soils
Most probable numbers; Oxygen sensitivity; Soil organic carbon (Peter Mayer, H. (73) 103)

Oxygen levels
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Oxygen regulation
Nitrite reductase; Nitrous oxide reductase; Immunoblotting (Coyne, M.S. (73) 263)

Oxygen sensitivity
Most probable numbers; Soil organic carbon; Oxic soils (Peter Mayer, H. (73) 103)

Paddy soil
NO production; N_2O production; Heterotrophic nitrification (Krämer, M. (73) 345)

Pelagic food webs
'Microbial loop'; Phagotrophic protozoa; *Spumella*; *Ochromonas* (Seale, D.B. (73) 31)

Peptidoglycan
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Peridinium gatunense
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Phagotrophic protozoa
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Phosphatase
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Phototaxis
Peridinium; Image analysis; Action spectrum; Inhibitor (Liu, S.-M. (73) 91)

Phototrophic bacteria
Bacteriochlorophyll *a* synthesis; Oxic/anoxic regimen; Continuous culture (De Wit, R. (73) 69)

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Rhizobium sp.; Catechol; Degradation (Gajendiran, N. (73) 125)

Plasmid RP4 transfer
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Vibrio parahaemolyticus; Vibrios; Sediment trap; Environmental parameters; Multiple regression (Venkateswaran, K. (73) 159)

Polychlorinated biphenyls (PCBs)
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Polyphosphate-accumulating bacteria
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Azospirillum lipoferum; Amoebae; Polychlorinated biphenyls (PCBs); Pyralene (Steinberg, C. (73) 139)

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Proteolytic bacteria
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Pyralene
Azospirillum lipoferum; Amoebae; Polychlorinated biphenyls (PCBs); Population dynamics (Steinberg, C. (73) 139)

Rhizobium leguminosarum* biovar *trifolii
Population dynamics; Introduced bacteria; Soil type (Postma, J. (73) 49)

***Rhizobium* sp.**
Catechol; Degradation; Plasmid (Gajendiran, N. (73) 125)

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2,3-DHP; 3-Hydroxy-4(1H)-pyridone; Sheep rumen (Dominguez-Bello, M.G. (73) 283)

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Sheep rumen
2,3-DHP; 3-Hydroxy-4(1H)-pyridone; Rumen toxin degradation (Dominguez-Bello, M.G. (73) 283)

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Soil organic carbon
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Soil rhizosphere
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Soil type
Population dynamics; Introduced bacteria; *Rhizobium leguminosarum* biovar *trifolii* (Postma, J. (73) 49)

Solar radiation
Artifical UV radiation; Dinoflagellates; Gravitaxis; *Peridinium gatunense* (Häder, D.-P. (73) 331)

Spumella
'Microbial loop'; Pelagic food webs; Phagotrophic protozoa; *Ochromonas* (Seale, D.B. (73) 31)

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Sulfate-reducing bacteria
Colony formation; First order reaction kinetics; *Desulfovibrio desulfuricans*; Sediments (Fukui, M. (73) 85)

Survival; Sediments; *Desulfovibrio desulfuricans*; O_2 tolerance (Fukui, M. (73) 317)

Sulphatase
Freshwater microorganisms; Methylumbelliferyl substrates; Galactosidase; Glucosidase; Lipase; Phosphatase (Goulder, R. (73) 323)

Surfactant
Marine environment; Biodegradation; Pollution; Aerobic heterotrophic bacteria (Sigoillot, J.-C. (73) 59)

Survival
Sulfate-reducing bacteria; Sediments; *Desulfovibrio desulfuricans*; O_2 tolerance (Fukui, M. (73) 317)

Taurocholate
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Total culturable bacteria
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Very-long-chain fatty acids
Gas chromatography-mass spectrometry; Sulfate bacteria (Řezanka, T. (73) 231)

Vibrio parahaemolyticus
Vibrios; Sediment trap; Environmental parameters; Pollution; Multiple regression (Venkateswaran, K. (73) 159)

Vibrios
Vibrio parahaemolyticus; Sediment trap; Environmental parameters; Pollution; Multiple regression (Venkateswaran, K. (73) 159)

Volatile fatty acid
Methanogenic enrichment; Propionate; Butyrate; Acetogenesis; ^{13}C-NMR (Tholozan, J.L. (73) 291)

Washout
Chromatium; *Amoebobacter*; Decomposition; Sedimentation; Growth rate (Mas, J. (73) 271)